

NEW MAMMALIAN NEURONAL ACIDITY-SENSITIVE CATIONIC  
CHANNEL, ITS CLONING AND ITS APPLICATIONS

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The invention relates to a protein constituting a mammalian neuronal cationic channel that is sensitive to amiloride and activated by protons, as well as the nucleic acid molecules coding this protein.

The invention also relates to a method for screening substances that are capable of modulating the activity of mammalian neuronal ionic channels.